

CLAIMS

1. Adhesive tape consisting of a tape-like textile support (1) and an adhesive coating (2) applied to the tape-like textile support (1), characterized by the fact that the tape-like support (1) consists at least partially of a needle punched nonwoven from at least partially thermoplastic fibers, in which the thermoplastic fibers are at least partially bonded to each other by melting on the side opposite the adhesive coating (2).

2. Adhesive tape according to Claim 1, characterized by the fact that the tape-like textile support (1) is compacted at least on one side, especially by thermal calendering.

3. Adhesive tape according to one of the Claims 1 to 2, characterized by the fact that the tape-like textile support (1) consists of at least two fiber materials with different melting points.

4. Adhesive tape according to one of the Claims 1 to 3, characterized by the fact that the tape-like textile support (1) consists of a blend of fiber materials of at least one fiber material from the group of polyolefins and at least one fiber material from the group of polyols.

5. Adhesive tape according to one of the Claims 1 to 4, characterized by the fact that the adhesive coating (2) consists of a pressure-sensitive adhesive.

6. Adhesive tape according to one of the Claims 1 to 5, characterized by the fact that the tape-like textile support (1) has a basis weight of 20 to 200 g/m², especially 50 g/m² or 100 g/m².

7. Adhesive tape according to one of the Claims 4 to 6, characterized by the fact that the tape-like textile support (1) consists of a blend of fiber materials polyethylene (PE) and polyethylene terephthalate (PBT).

8. Adhesive tape according to Claim 7, characterized by the fact that the fiber blend consists of 80 to 50% of the fiber material polyethylene (PE) and 20 to 50% of the fiber material polybutylene terephthalate (PET).

9. Adhesive tape according to one of the Claims 4 to 6, characterized by the fact that the tape-like textile support (1) consists of a mixture of the fiber materials polypropylene (PP) and polyethylene terephthalate (PET).

10. Adhesive tape according to Claim 9, characterized by the fact that the fiber blend consists of 99 to 1% of the fiber material polypropylene (PP) and 1 to 99% of the fiber material polyethylene terephthalate (PET).

11. Adhesive tape according to Claim 10, characterized by the fact that the fiber blend consists of 50% of the fiber material polypropylene (PP) and 50% of the fiber material polyethylene terephthalate (PET).

12. Adhesive tape according to Claim 10, characterized by the fact that the fiber consists of 80% of the fiber material polypropylene (PP) and 20% of the fiber material polyethylene terephthalate (PET).

13. Adhesive tape according to one of the Claims 1 to 12, characterized by the fact that the adhesive coating (2) consists of a synthetic rubber adhesive.

14. Adhesive tape according to one of the Claims 1 to 13, characterized by the fact that the adhesive coating (2) has a surface density of 130 g/m^2 .

15. Adhesive tape according to one of the Claims 1 to 14, characterized by the fact that the adhesive coating (2) consists of UV-crosslinked acrylate adhesive.

16. Adhesive tape according to one of the Claims 1 to 15, characterized by the fact that the adhesive coating (2) has a surface density of 100 g/m^2 .

17. Adhesive tape roll using the adhesive tape mentioned in Claims 1 to 16, characterized by the fact that the adhesive tape is wound in the form of an Archimedes spiral into a roll (4) in which the adhesive tape layers (5) lie directly one on the other.

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